

Converting Colors

$Y_{xy}(24.7876, 0.3661, 0.3361)$

Have a look what the booklet for
Yxy(24.7876, 0.3661, 0.3361)
contains.

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Color

Yxy(24.8243, 0.3661, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	A77F7B
RGB	167, 127, 123
RGB Percent	65%, 50%, 48%
CMY	0.3450, 0.5020, 0.5176
CMYK	0.00, 0.24, 0.26, 0.35
HSL	5°, 20%, 57%
HSV	5°, 26%, 65%
XYZ	27.1046, 24.8243, 22.1072
YIQ	138.5040, 25.1240, 7.2360

Conversions

Conversions Part 2

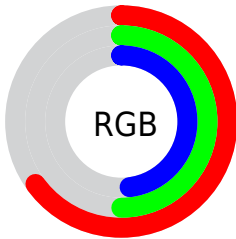
Format	Color
R_{YB}	167, 127, 123
Decimal	10977147
CIE _{Lab}	56.90, 14.87, 8.15
CIE _{LCh}	57, 16.953, 28.721
Yxy	24.8243, 0.3661, 0.3353
Android (android.graphics.Color)	4289167227 (0xFFA77F7B)
YUV	138.5040, -7.6435, 24.9910
Hunter-Lab	49.8240, 9.9133, 8.5695

Details

The Yxy color $24.8243, 0.3661, 0.3353$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.2119, 0.2744, 0.3226$, and the grayscale version is $25.6423, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4256, 0.3549, 0.3350$, and $9.5206, 0.3870, 0.3381$ is the 20% darker color. If you saturate the color by 10%, you get $20.8096, 0.3950, 0.3378$, and if you desaturate by 10%, it is $29.5044, 0.3424, 0.3328$.

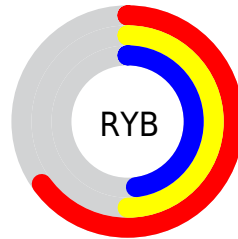
Distribution



Red (65%)

Green (50%)

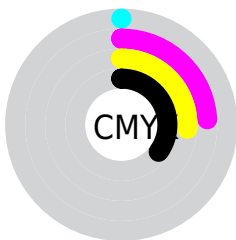
Blue (48%)



Red (65%)

Yellow (50%)

Blue (48%)

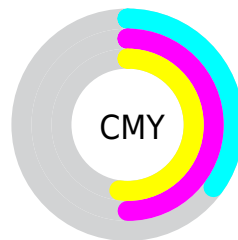


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (35%)



Cyan (35%)


Magenta (50%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8243, 0.3661, 0.3353 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 24.8243, 0.3661, 0.3353 by changing the saturation by 10% instead.

 24.8243, 0.3661,
0.3353


 24.8243, 0.3661,
0.3353


276.9618, 0.3364,
0.3323


 15.9462, 0.3747,
0.3359


 51.3720, 0.3545,
0.3343

 9.4861, 0.3866,
0.3366


 69.8105, 0.3504,
0.3339

 5.0596, 0.4041,
0.3372

 92.2045, 0.3470,
0.3336

 2.2823, 0.4322,
0.3372

118.9384, 0.3442,
0.3332

 0.7643, 0.5204,
0.3569

150.3968, 0.3418,
0.3330

 0.0000, 1.0000,
0.0000

186.9638, 0.3397,

 0.0000, 0.0000,

0.3327

0.0000

229.0241, 0.3379,
0.3325

■ 24.8243, 0.3661,
0.3353

■ 24.8243, 0.3661,
0.3353

■ 20.8096, 0.3950,
0.3378

■ 29.5044, 0.3424,
0.3328

■ 17.4268, 0.4296,
0.3402

■ 34.8745, 0.3231,
0.3304

■ 14.6447, 0.4698,
0.3421


■ 40.9623, 0.3073,
0.3282

■ 12.4281, 0.5139,
0.3430


■ 47.7929, 0.2945,
0.3262

■ 10.7381, 0.5582,
0.3425


■ 55.3901, 0.2840,
0.3244

 9.5309, 0.5969,
0.3403

 63.7767, 0.2753,
0.3228

 8.7545, 0.6245,
0.3367

 72.9747, 0.2681,
0.3213

 8.5620, 0.6324,
0.3361

 82.8995, 0.2628,
0.3217

 86.9576, 0.2638,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.8243, 0.3465, 0.3114



24.8243, 0.3661, 0.3353



24.8243, 0.3706, 0.3589

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.8243, 0.3661, 0.3353



24.8243, 0.3055, 0.3703



24.8243, 0.2676, 0.2826

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.8243, 0.3661, 0.3353



33.2119, 0.2744, 0.3226

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.8243, 0.2580, 0.2956



24.8243, 0.3661, 0.3353



24.8243, 0.2791, 0.3468

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.8243, 0.3661, 0.3353



24.8243, 0.3347, 0.3810



24.8243, 0.2620, 0.3188



24.8243, 0.2892, 0.2818

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.8243, 0.3661, 0.3353



24.8243, 0.3643, 0.3714



24.8243, 0.2620, 0.3188



24.8243, 0.2630, 0.2856

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.8255, 0.3661, 0.3353



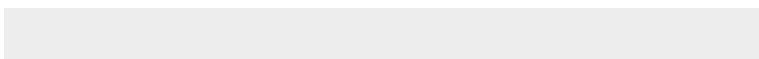
60.6188, 0.3262, 0.3308



25.0447, 0.3197, 0.2699



13.2398, 0.3289, 0.3312



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.8255, 0.3661, 0.3353



39.8315, 0.3835, 0.3369



31.0433, 0.3580, 0.3678



7.6473, 0.3283, 0.3311



6.5840, 0.6315, 0.3368



0.1930, 0.5973, 0.3639

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.2119, 0.2744, 0.3226



57.5664, 0.2662, 0.3209



26.1564, 0.2711, 0.2868



8.4144, 0.2987, 0.3269



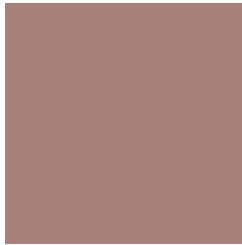
19.3320, 0.2169, 0.3009



0.5028, 0.2197, 0.3109

Previews

White Background



This preview shows how the Yxy color 24.8243, 0.3661, 0.3353 looks on a white background.

Color Contrast Check

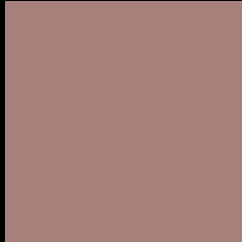
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 24.8243, 0.3661, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.8243, 0.3661, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 24.8243, 0.3661, 0.3353.



This preview shows how white text looks on a background with the Yxy color 24.8243, 0.3661, 0.3353.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.8243, 0.3661, 0.3353

Protanopia

24.8296, 0.3268, 0.3426

Deuteranopia

24.8762, 0.3509, 0.3453



Tritanopia

24.7413, 0.3534, 0.3139

Trichromacy



Original Color

24.8243, 0.3661, 0.3353

Protanomaly

24.7654, 0.3401, 0.3406

Deuteranomaly

24.7413, 0.3564, 0.3419

Tritanomaly

24.8852, 0.3579, 0.3215

Monochromacy



Original Color

24.8243, 0.3661, 0.3353

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4110, 0.3308, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8243, 0.3661, 0.3353 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(167, 127, 123)` looks like.

```
.text, #text, p{  
    color:rgb(167, 127, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(167, 127, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 127, 123) }
```

Border

The CSS property to change the border of an element to Yxy 24.8243, 0.3661, 0.3353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 127, 123) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(167, 127, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(167, 127, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 127, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 127, 123);  
box-shadow:4px 4px 4px 4px rgb(167, 127,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8243, 0.3661, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 127, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(167,  
127, 123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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